

Typical Properties of **PLASTAZOTE® LD45FR**

Polymer	Crosslinked Polyethylene		
Physical Property	Test Method	Result (US Units)	Result (Metric Units)
Density	ISO 7214	2.8 pcf	45 kg/m ³
Compression Deflection 25%	ISO 7214	12.7 psi	88 kPa
Compression Deflection 50%	ISO 7214	23.5 psi	162 kPa
Compression Set 50%	ISO 7214	3%	3%
Tensile Strength	ISO 7214	65.1 psi	449 kPa
Elongation	ISO 7214	158%	158%
Tear Strength	ISO 8067	17.3 lb/in	2404 N/m
Flammability	FMVSS-302	Pass @ .078" or Thicker	
Service Temperature	-94 to 221 F		
Thermal Conductivity	ASTM C518	K Factor .26	

UL Listings ¹	
Flammability	UL-94 HF-1

¹ Contact customer service for specification and UL inquiries.

Disclaimer: This information is furnished as a guide for selecting materials. Rubberlite Inc. makes no warranties, expressed or implied, of merchantability with respect to the goods or that such goods are fit for any particular purpose. It is the customer's responsibility to obtain and test samples when determining suitability of material for a particular application.